

Converting Colors

Hex(3E2344)

Have a look what the booklet for
Hex(3E2344) contains.

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Color

Hex(3E2344)

Conversions

Conversions Part 1

Format	Color
Hex	3E2344
RGB	62, 35, 68
RGB Percent	24%, 14%, 27%
CMY	0.7569, 0.8627, 0.7333
CMYK	0.09, 0.49, 0.00, 0.73
HSL	289°, 32%, 20%
HSV	289°, 49%, 27%
XYZ	3.6310, 2.6436, 5.7877
YIQ	46.8350, 5.4990, 15.9870

Conversions

Conversions Part 2

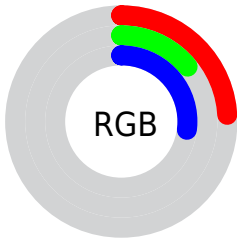
Format	Color
RYB	62, 35, 68
Decimal	4072260
CIELab	18.56, 19.45, -15.62
CIELCh	19, 24.945, 321.231
Yxy	2.6436, 0.3010, 0.2192
Android (android.graphics.Color)	4282262340 (0xFF3E2344)
YUV	46.8350, 10.4343, 13.2997
Hunter-Lab	16.2590, 11.4101, -9.7242




Details

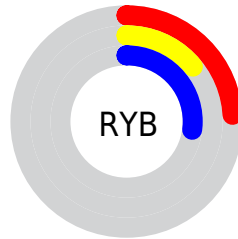
The Hex color **3E2344** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **294423**, and the grayscale version is **2F2F2F**.




A 20% lighter version of the original color is **6E5074**, and **120019** is the 20% darker color. If you saturate the color by 10%, you get **3D1C44**, and if you desaturate by 10%, it is **3F2A44**.

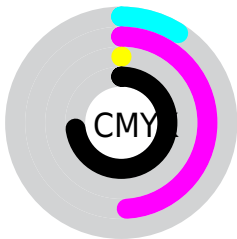
Distribution







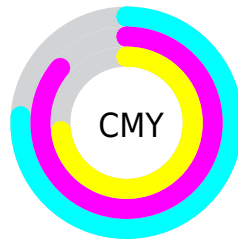
-  Red (24%)
-  Green (14%)
-  Blue (27%)






-  Red (24%)
-  Yellow (14%)
-  Blue (27%)



-  Cyan (9%)
-  Magenta (49%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (76%)
-  Magenta (86%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E2344 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3E2344 by changing the saturation by 10% instead.

■ 3E2344

■ 3E2344

FFFFFF

■ 270E2E

■ 6E5074

■ 120019

■ 88698E

■ 000000

■ A382A8

■ BE9CC4

■ DAB7E0

■ F6D3FC

■ FFEFFF

■ 3E2344

■ 3E2344

■ 3D1C44

■ 3F2A44

■ 3C1544

■ 403144

■ 3A0F44

■ 423744

■ 390844

■ 433E44

■ 380144

■ 444544

■ 380044

■ 454C44

■ 475344

■ 485944

■ 496044

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242B4F



3E2344



4B1D33

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3E2344



3C2A05



00363A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3E2344



294423

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



003627



3E2344



2B3007

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3E2344



482311



143415



003449

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3E2344



4E1D27



143415



003634

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3E2344



574C59



232944



2C262E



ADADAD



2E2E2E

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3E2344



502559



44233A



211E21



4F0061



B800E0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



442329



59252F



23442D



211E1E



610012



E00029

Previews

White Background



This preview shows how the Hex color 3E2344 looks on a white background.

Color Contrast Check

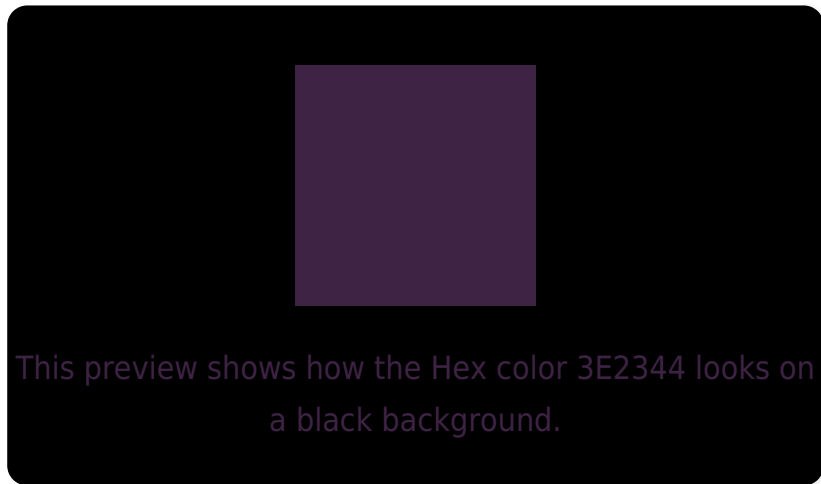
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

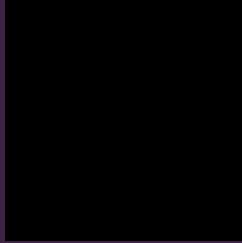
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3E2344 Background



This preview shows how black text looks on a background with the Hex color 3E2344.



This preview shows how white text looks on a background with the Hex color 3E2344.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
3E2344

Protanopia
202D4C

Deuteranopia
262D42



Tritanopia
3B292C

Trichromacy



Original Color
3E2344

Protanomaly
2B2949

Deuteranomaly
2F2943

Tritanomaly
3C2735

Monochromacy



Original Color
3E2344

Achromatopsia
2F2F2F

Achromatomaly
342B37

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E2344 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3E2344 looks like.

```
.text, #text, p{  
    color:#3E2344  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3E2344 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E2344
}
```

Border

The CSS property to change the border of an element to Hex 3E2344 is called "border". The border property can be set on classes, ids or directly on the HTML element.

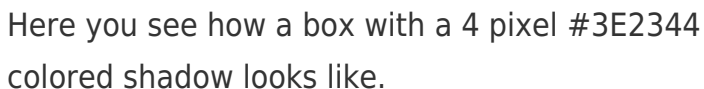
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E2344 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3E2344 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #3E2344 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E2344; -webkit-box-shadow:4px 4px  
4px 4px #3E2344; box-shadow:4px 4px 4px  
4px #3E2344 }
```

Background

The CSS property to change the background color of an element to Hex 3E2344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E2344 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3E2344 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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